



Inherently resilient. Incredibly agile.

Investor Presentation

MAY



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COMPANY OVERVIEW

PRODUCT OFFERINGS

BRAND - BUILDING INITIATIVES

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Company Overview



Astral at a Glance (1/2)

Astral is one of the fastest-growing and leading companies in the category of building materials with presence across pipes and adhesives, and has recently forayed into paints, faucets & sanitaryware and valves and Infrastructure.

Astral deploys best-in-globe technologies and fulfills the emerging needs of millions of houses and adds extra mileage to India's developing real estate fraternity with the hallmark of unbeaten quality and innovative building materials solutions.





1996

Astral Incorporated



8,200+

Employees



25+

Export Presence



Manufacturing Presence In 3 Countries



Manufacturing Units

Pipes

Adhesives & Sealants 03

Tanks

Water **Paints**



4,27,611

Production Capacity (M.T. PA)

2,90,176 Pipes & Water Tanks

1,01,435 | 36,000 Adhesives

Paints & Sealants



Depots

Pipes

Adhesives

Paints & Sealants

Astral at a Glance (1/2)





ASTRAL LIMITED | Investor Presentation 2023

Operating in 7 High Growth Categories



Astral The Trendsetter



First to introduce CPVC pipes in India



Three adhesives manufacturing facilities, one in India, one in the UK and one in the USA



Introduced countless innovations in pipe category



India's first lead-free uPVC pipes for potable water and column pipes for stream water



Offers the widest range of product in pipes category



Robust network of 1,93,000+ dealers and distributors



Eight pipes manufacturing facilities

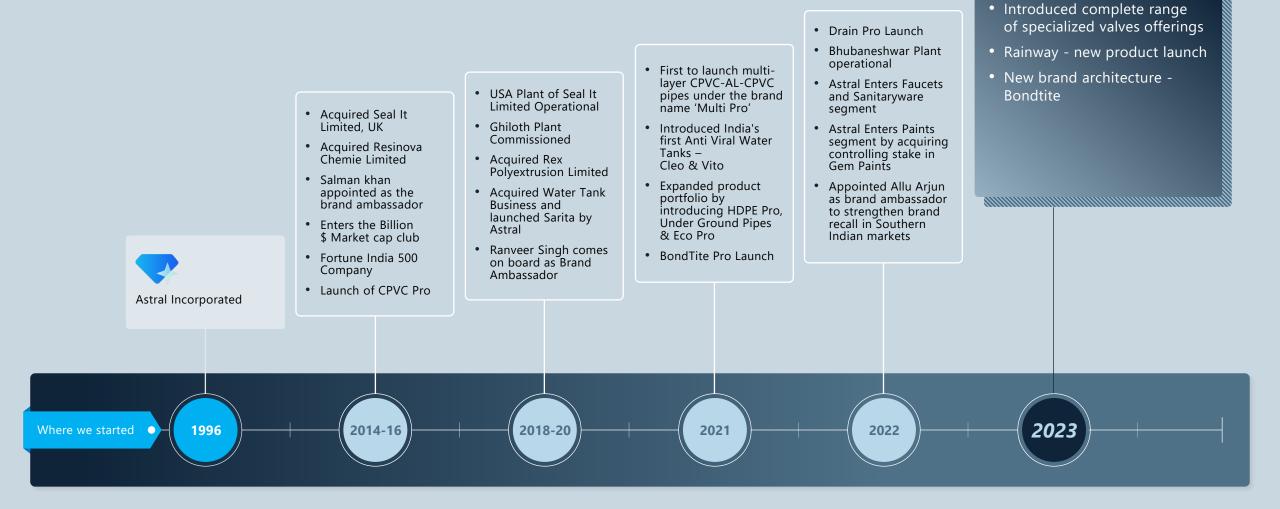


Introduced DWC and infrastructure products in Infra segment



Five water tanks manufacturing facilities and only Company in India to introduce water tanks with anti viral copper shield

Astral Journey



Awards and Recognition

2013





- Awarded as Business Standard Star SME
- Recognised for Smart Innovation by Inc. India Innovative 100 under category of 'Technology'

2014



Awarded as India's Most Promising Brand

2015





- Awarded as Value Creator during the first ever Fortune India Next 500
- Awarded as India's Most Desired Brand by TRA

2016







- Awarded as India's Most Attractive Pipe Brand
- Shortlisted & profiled in Dun & Bradstreet's list of India's Top 500 Companies for the year 2021 publication
- Awarded as India's Most Trusted Pipe Brand in the year 2016

2019-22



Awarded as India's Most Trusted Pipe Brand in the year 2019, 2020, 2021 and 2022

2019-23



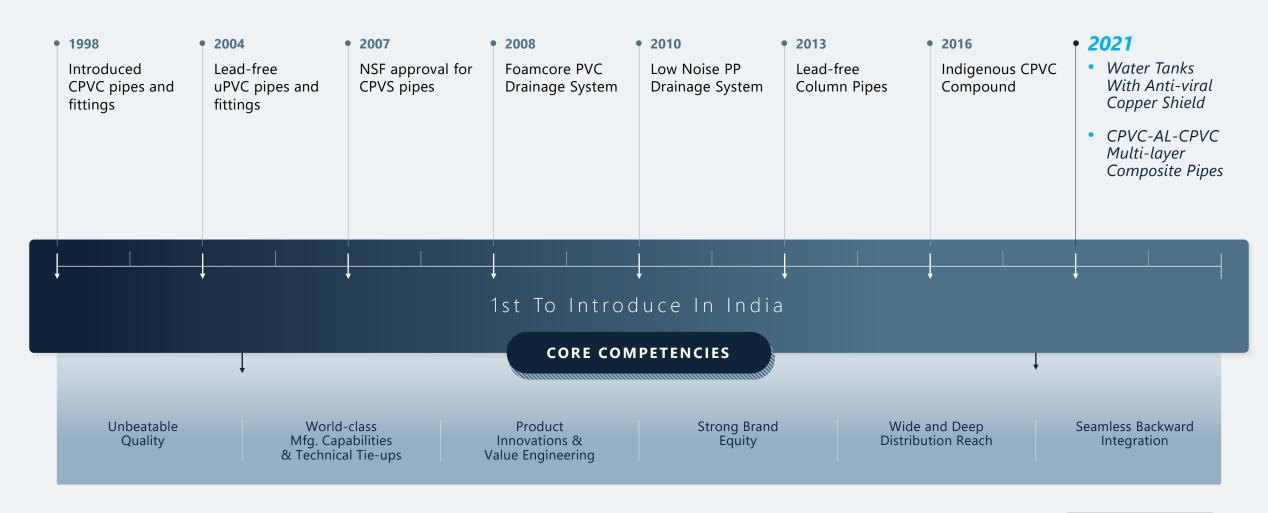
Recognised as Consumer Validated Superbrand – India for 2017 and then for three consecutive years 2019, 2020, 2021, 2022 and 2023 2022-23





- Certified as Great Place to Work for 2 consecutive years
- Most trusted brand award in piping category by TRA
- Bondtite Brand of the year by ET Now
- Valve unit awarded Green Plant Certification

The Torch Bearer in The Pipes Category



Pipes & Water Tanks Manufacturing Units Installed Capacity

Santej



73,804 M.T.

Dholka



55,314 м.т.

Ghiloth



37,053 м.т.

Hosur



49,454 M.T.

P

Pipes



Water Tanks



Faucets & Sanitaryware

Sangli



36,088 M.T.

Aurangabad



11,687 м.т.

Sitarganj



5,076 м.т.

Bhubaneshwar*(Cuttack)



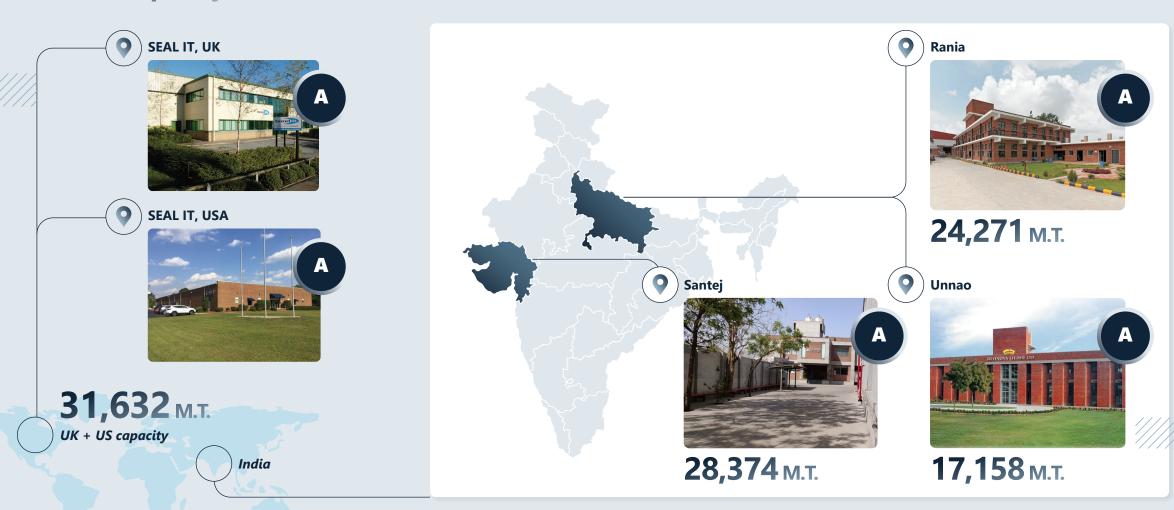
21,365 M.T.

Jamnagar

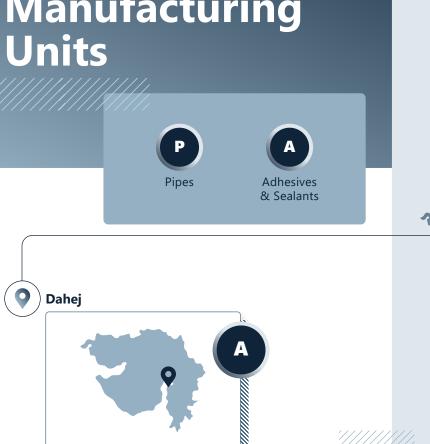


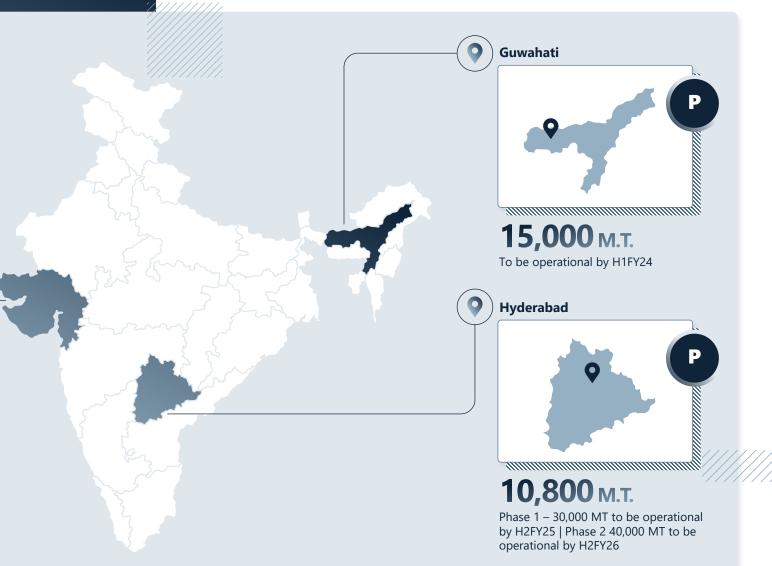
336 м.т.

Adhesives & Sealants Manufacturing Units Installed Capacity



Upcoming Manufacturing

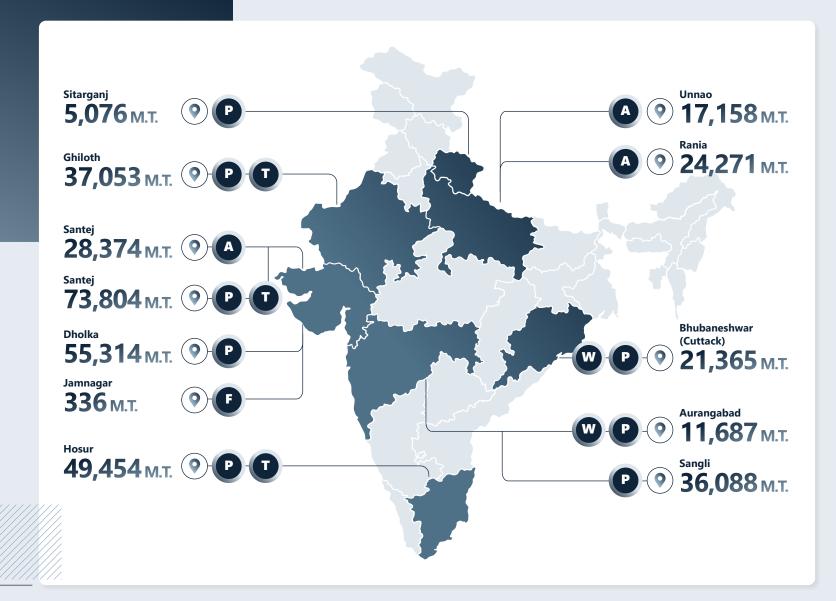




Manufacturing Facilities



UK + US capacity 31,632 M.T.



India

01/ COMPANY OVERVIEW

Pan India Presence



PLACE		PIPES			ADHES	IVES & SEA	LANTS	WATER TANKS PAINTS		NTS
		Plants	Depots	Branch Office	Plants	Depots	Branch Office	Plants	Plants	Depots
01	ANDHRA PRADESH									
	Vijayawada	-	✓	-	-	-	-	-	-	✓
02										
02	Patna DELHI	-	✓	-	-	✓	-	-	-	-
US	New Delhi	-	✓	✓	-	✓	_	-	-	_
04			· ·	·			_	_		
	Ahmedabad	-	-	✓	-	-	✓	-	-	-
	Dholka	✓	-	-	-	-	-	-	-	-
	Santej	✓	-	-	✓	-	-	✓	-	-
05	HARYANA									
06	Ambala KARNATAKA	-	✓	-	-	-	-	-	-	-
00	Bengaluru	_	_	✓	_	✓	_	_	✓	✓
	Hubbali	_	_	_	_	_	_	-	_	
	Mangaluru	-	-	-	-	-	-	-	-	
	Mysuru	-	-	-	-	-	-	-	-	✓
07	KERALA									
	Kochi	-	-	✓	-	-	-	-	-	-
08	Ernakulam MADHYA PRADESH	-	-	-	-	-	-	-	-	√
UO	Indore	_	✓	✓	-	✓	_	_	_	_
09				·						
	Aurangabad	✓	-	-	-	-	-	✓	-	-
	Kolhapur	-	✓	-	-	-	-	-	-	-
	Mumbai	-	-	✓	-	-	✓	-	-	-
	Nagpur	-	✓	- ✓	-	-	-	-	-	-
	Pune Sangli	✓	-	_	-	-	-	-	-	-
	Thane	-	_	_	-	<u>-</u>	_	-	-	_
10	ODISHA									
	Cuttack	✓	-	-	-	-	-	✓	-	-
11	PUNJAB									
	Mohali	-	-	-	-	✓	-	-	-	-
12	RAJASTHAN Ghiloth	√	_	_		_		✓		
	Jaipur	-	✓	✓	-	✓	_	<u> </u>	-	_
	Udaipur	-	✓	-	_	-	-	_	_	-
13	TAMIL NADU									
	Chennai	-	-	✓	-	-	-	-	-	√
	Coimbatore	-	-	-	-	-	-	-	-	
	Hosur Madurai	√ -	-	-	-	-	-	√ -	-	
14	TELANGANA	-	-	-	-	-	-	-	-	
•	Hyderabad	-	✓	✓	-	✓	-	-	-	-
15	UTTARAKHAND									
	Sitarganj	✓	-	-	-	-	-	-	-	-
16	UTTAR PRADESH									
	Lucknow	-	-	✓	-	-	- ✓	-	-	-
	Kanpur Rania	-	-	-	✓	-	•	-	-	-
	Unnao	-	_	_	∨ ✓		-	-	-	_
	Varanasi	-	√	-	-	_	-	-	_	-
17	WEST BENGAL									
	Kolkata	-	✓	✓	-	✓	-	-	-	-

Pipes Products at a Glance17Water Tanks Products at a Glance21New Product Launch - Specialized Valves20Adhesives and Sealants Products at a Glance22

COMPANY OVERVIEW

PRODUCT OFFERINGS

BRAND - BUILDING INITIATIVES
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Product Offerings

Pipes Products at a Glance (1/3)

PLUMBING SYSTEM











DRAINAGE SYSTEM











PLUMBING SYSTEM (CONTD.)









Pipes Products at a Glance (2/3)

CABLE PROTECTION SYSTEM







INDUSTRIAL PIPING SYSTEM



AGRICULTURE SYSTEM











AGRICULTURE SYSTEM (CONTD.)



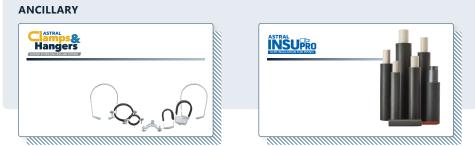




Pipes Products at a Glance (3/3)







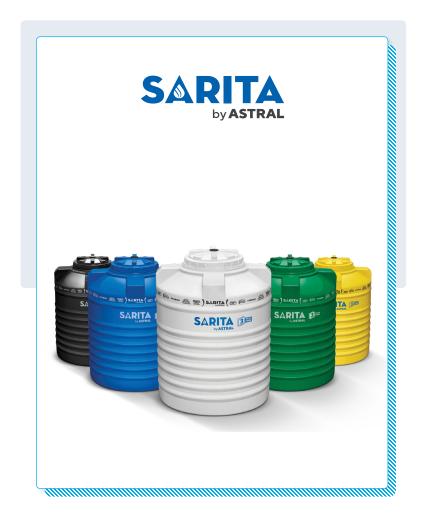
New Product Launch - Specialized Valves

Astral now offers a specialized range of valves.

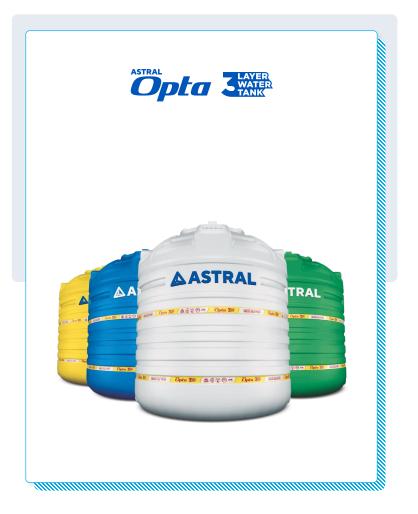
Designed with advanced features and high-quality components, these valves ensure smooth operation, low torque, and long-lasting performance. They perfectly complement our piping systems, providing a comprehensive solution for our customer needs.



Water Tanks Products at A Glance







Adhesives & Sealants Products at a Glance (1/2)





























Adhesives & Sealants Products at a Glance (2/2)



2:

25

COMPANY OVERVIEW PRODUCT OFFERINGS

BRAND - BUILDING INITIATIVES
 SUSTAINABILITY INITIATIVES
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 FINANCIAL PERFORMANCE

Brand – Building Initiatives

Marketing Communication (1/10)

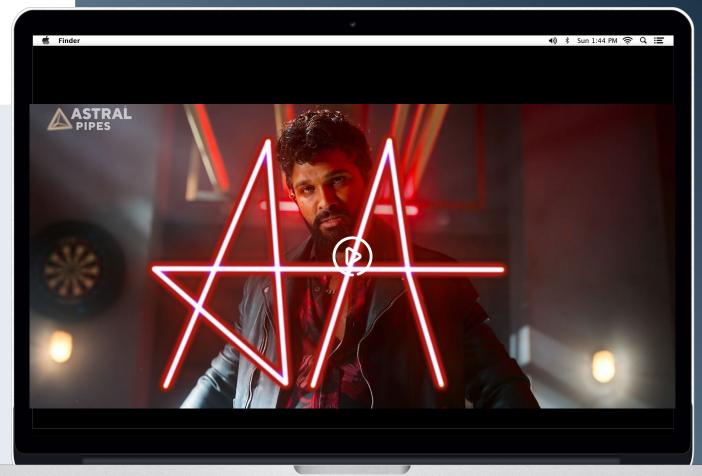




Marketing Communication (2/10)

Astral Pipes launched icon star Allu Arjun in Telugu TVC.

The TVC aimed to increase the brand share and top of mind recall in the South Indian Markets.



Watch the video Online \triangleright

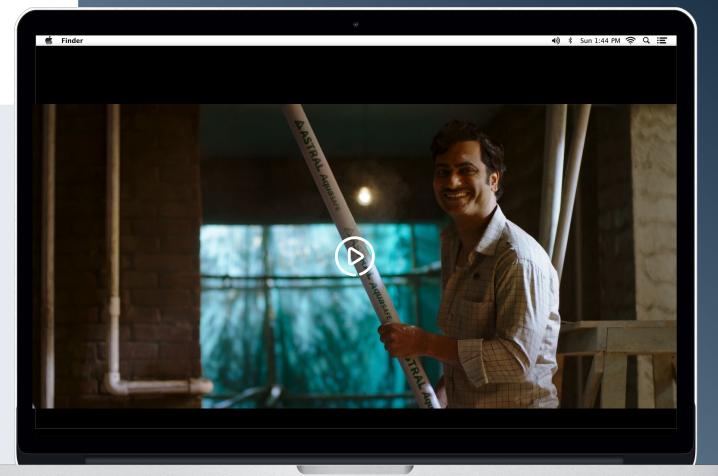


Marketing Communication (3/10)

This campaign aimed at educating and changing the way consumers purchase pipes and fittings.

Unfortunately, adulteration in these products often goes unnoticed, leading to potential damage to plumbing systems and buildings. Astral Pipes have the right amount of resin and filler as per ISI standards, which makes it Astral Strong!

Watch the video Online (



Marketing Communication (4/10)

Astral Pipes Co-Sponsored three IPL Teams in its 2023 edition.





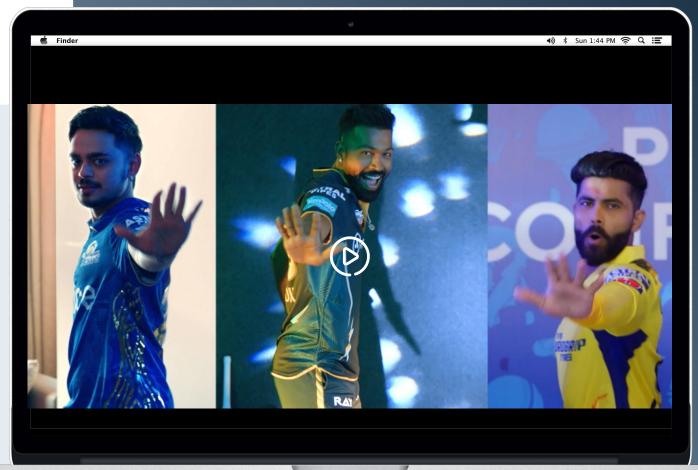




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Marketing Communication (5/10)

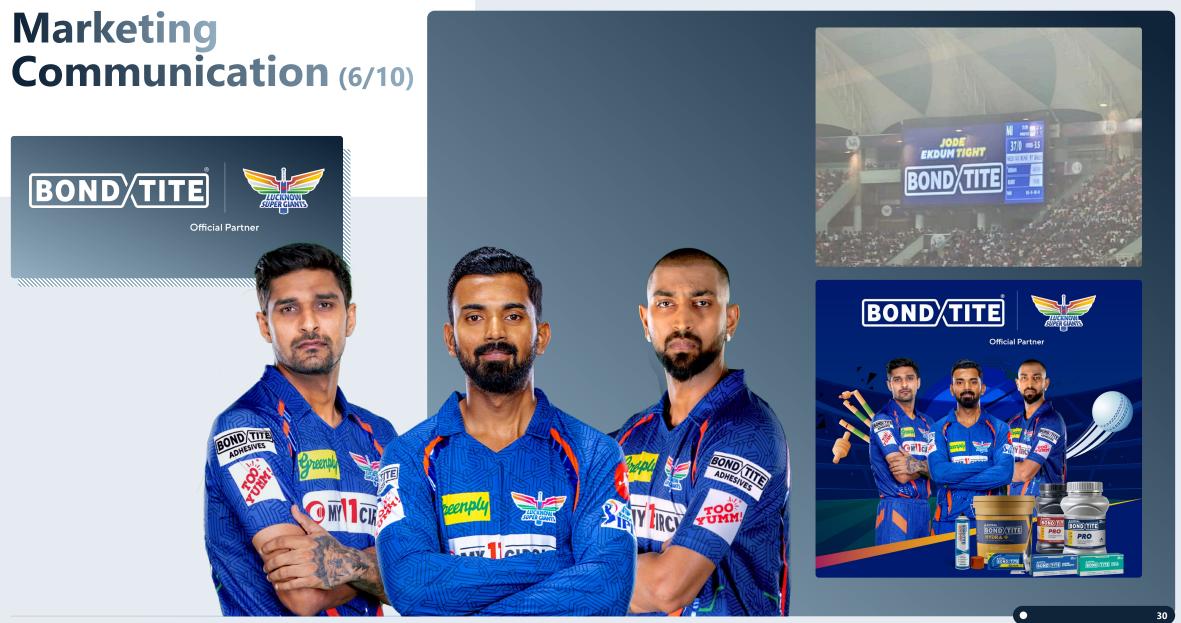
Celebrating 25 years of **Astral Pipes**



Watch the video Online (D)



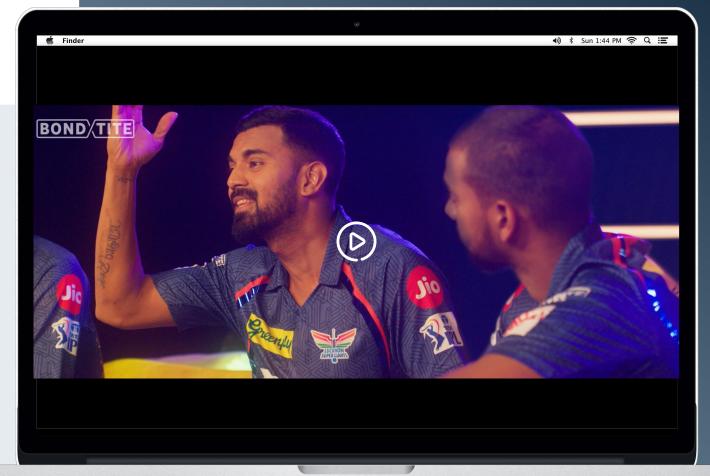
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Marketing Communication (7/10)

Kuch bhi jode ekdum tight, ekdum right, Bondtite!

Thrilled to cheer for our ekdum tight partner Lucknow Super Giants in this T20 season.



Watch the video Online \triangleright



ASTRAL LIMITED | Investor Presentation 2023

Marketing Communication (8/10)

The all new Astral Bondtite Quick, jo jode ekdum quick and tight!



Watch the video Online (D)





Marketing Communication (10/10)

Astral Limited announces the acquisition of Gem Paints Private Limited.



CSR Initiatives 36 Sustainability Initiatives 41

Sustainability Initiatives

COMPANY OVERVIEW
PRODUCT OFFERINGS
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CSR Initiatives (1/4)

While monetary gains are an important part of our success, we consider the empowerment and growth of the communities where we do business to be just as important.

With the communities in mind, we have collaborated with a number of institutions to address their specific needs.



CSR Initiatives (2/4)

Infrastructure Development



Collaborated with local groups to install a 2.7 km water pipeline in Maharashtra's Hiwali village, providing clean water access for its tribal population. The project significantly impacted the villagers' hygiene, health, and education. Even the talented students of the village who had to face difficulties getting water were benefited. Astral Foundation aims to continue its efforts to make water accessible to many more villages and make a difference in the lives of people who lack access to water.

Infrastructure Development



Contributed firefighting uniforms to the Ahmedabad Fire & Emergency Services team to help them fight fires more effectively. This initiative was taken to honour and support the brave firemen who put their lives at risk to save others. As a responsible corporate citizen, Astral Foundation is committed to serving and contributing to the betterment of society.

Infrastructure Development



Partnered with N. Desai Papers Pvt. Ltd. to construct a new water room at Khatripur primary school under the school development project. The inauguration was done by Mr. Prakashbhai Vankar, Taluka primary education officer of Dholka. The new water room will ensure that the students have access to clean and safe drinking water. It is a significant step towards providing safe drinking water to the people.

CSR Initiatives (3/4)

Education



Collaborated with Manthan Education Programme Society, India, to develop a science museum at KHOJ, Sabarmati Riverfront, Ahmedabad. The project promotes interactivity with Science, Art, and Innovation. It provides a space for young minds to understand complex concepts easily, express their ideas, and develop them into reality. The museum encourages innovation and new ideas, which are essential for development.

Infrastructure Development



Contributed school bags and education kits for the 17th edition of the 'Shala Praveshotsav' drive to enroll students in class one across Gujarat. The foundation distributed the kits to the newly enrolled students during the recently concluded Shala Praveshotsav and Kanya Kelvani Mahotsav. Astral Foundation aims to make resources available to students and extend opportunities for the betterment of society.

Wildlife conservation



Supported the Wildlife Trust of India in conducting capacity-building workshops for Markhor watchers at Limber wildlife sanctuary. The objective was to sustain the two remaining viable populations of Markhor in India. Astral Foundation provided waterproof jackets and high-altitude trekking shoes to the watcher group for daily patrolling. The Foundation is exploring and converging existing development programs with direct conservation development linkage for effective biodiversity conservation in protected areas.

CSR Initiatives (4/4)

Healthcare



Partnered with JDF Rajkot and supported children suffering from juvenile diabetes by organizing medical camps to provide insulin, medicines, and glucometer strips. They also organized a two-day mega health check-up camp for type 1 juvenile diabetics patients, which was inaugurated by Mr. Sandeep Engineer, Chairman and MD, Astral Limited. Astral Foundation aimed to provide help and care to children with such illnesses and make a difference in their well-being.

Supporting the specially abled



Donated 80 wheelchairs to the divyang people of Mahesana district. The program was organized at Disha School, Khodiyar Education Trust Mahesana, and was attended by Shri Jugalsinh Lokhandwala, Member of Parliament, Rajyasabha, and Shri Mukeshbhai Patel, MLA, Mahesana. The Khodiyar Education Trust Mahesana assisted in identifying the beneficiaries and distributing the wheelchairs, which will be instrumental in providing support to the divyang people in their daily routine life.

Women Empowerment



Conducted a program on International Women's Day in Khatraj village, aimed at promoting women's health and hygiene. The program, supported by the district health department and Sevakunj charitable trust, sensitized adolescent girls and their mothers about menstrual hygiene and provided valuable information related to pregnancy and government schemes. Sanitary pads were also distributed to maintain menstrual hygiene. This program proved to be a valuable platform for women to learn and share information, ultimately contributing towards the empowerment of women in the community.

Prestigious National-level Awards have Honored Our Films with Their Recognition







Watch the video Online



Sustainability Initiatives



TRAINING

Substantial increase in training hours from 12,048 hours to 17,500+ hours



TRAINING

Increase in training man hours by 45%



CSR

46% growth in CSR spends compared to last year



ESG

Increase in solar energy capacity to 4381 kwp from 1991 kwp. Increase of 120%



LEED certification by US Green Building Council (USGBC)

Awarded Platinum rating for reducing carbon footprint through efficient operation and maintenance of the building.



CSR

Energy consumption through renewable source was 18% and 20% respectively in Santej and Dholka plant



ESG

Certified with Green Co Gold, LEED Platinum and Green Pro Certification for Silencio Division



ESG

Certified with GRIHA Council certification for CPVC Pipes



ESG

Certified with ISO 9001:2015 for quality management system implementation at Sangli-Kanadwadi Plant

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COMPANY OVERVIEW PRODUCT OFFERINGS BRAND - BUILDING INITIATIVES SUSTAINABILITY INITIATIVES

WAY FORWARD FINANCIAL PERFORMANCE

Way Forward



Way Forward (1/2)

Despite the tremendous volatility in polymer prices that persisted throughout the year, we have emerged triumphant, delivering a resounding success that has truly sets us apart. We have achieved a remarkable volumetric growth of approximately 19%, firmly solidifying our position in the market and capturing even greater market share.

Furthermore, we have successfully ventured into high-growth sectors such as faucets, Sanitaryware, and paints, and our expansion into valves is progressing at an accelerated pace. It is crucial to note that this diversification does not come at the expense of moderated growth in our core business. We have carefully managed our resources, ensuring sufficient management bandwidth, and attracting exceptional talent to spearhead the overall growth of our organization.

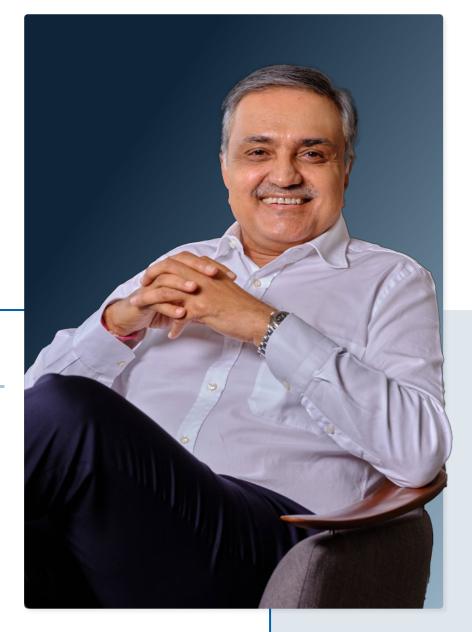
Indeed, this is just the beginning of our journey in these new ventures. The surface has only been scratched, and we eagerly anticipate the tremendous growth that lies ahead. Even in our core business, we have made substantial investments over the past five years, bolstering our production capacities. And now, in the coming years, we are set to reap the rewards of these strategic investments, further propelling us towards unparalleled success.

To complement our ambitious growth plans, we are excited to announce the upcoming launch of three state-of-the-art pipe plants in Guwahati, Hyderabad and Dahej. These new additions will not only strengthen our market presence but also pave the way for us to enter previously untapped markets, opening up endless possibilities for expansion and prosperity.



Mr. Sandeep Engineer
CHAIRMAN & MANAGING DIRECTOR

In conclusion, Astral's unwavering commitment to excellence and innovation has enabled us to overcome significant challenges and achieve remarkable milestones. As we forge ahead, driven by our unwavering passion and determination, I am confident that our future holds boundless opportunities for success.



Way Forward (2/2)

₹~1,000 cr

Capex Invested in the Last 5 Years

₹~1,500 cr

Projected Additional Revenues from New Products in the Next 4-5 Years

Astral has invested ₹~1,000 Crores in CAPEX in the last 5 years. The utilization of the same will be in the coming few years.

Therefore, the company is confident that it will be able to grow not only in its existing product portfolio, but also, projects additional revenues of ₹1,500 Crores in the next 4-5 years from the new products and categories:



Industry Outlook Pipes

Unorganized players continue to face challenges which is helping organized players, as demonstrated by recent market share gain by Astral.

Govt. spending in various schemes will receive momentum in coming years, which was significantly slowed down due to the pandemic

(Schemes such as Jal-Se-Nal, low cost housing scheme etc.).

Infrastructure spending to receive healthy support, due to Govt, announcements of sizeable budget for infra projects under various Govt. Initiatives, which will support DWC pipes.

Industry consolidation will continue in coming time



Volatility in Polymer price will prove to be a disadvantage for small organized and unorganized players. Further, it needs additional working capital.

Revenue Outlook for Next 5 Years – Astral Pipes

15%

We Expect to Continue to Grow at 15% CAGR in Next 5 Years.

In FY21, we confidently guided for a 15% compound annual growth rate (CAGR) for our Pipe business. Remarkably, we have delivered a CAGR growth of 24.81% over the past two years, despite operating in a challenging environment.

Looking ahead, we remain steadfast in our commitment to maintaining a growth rate of 15% for our business.



Overall Industry growth of 9% - 10%



Shift from unorganized to organized sector



Higher growth from recently launched products



New product launches



Decentralization of manufacturing plants



Entering new geographies



Continued addition of new dealers, distributions & Plumbers in the Astral Family



Industry Outlook Adhesives & Sealants Higher

Higher chemical prices to support financially capable companies to grow their market shares.

New categories to outpace other categories in terms of growth in coming years. Expecting the industry to grow in double digits under normal circumstances, while companies like ASTRAL will keep acquiring market share and grow further.



Industry consolidation will continue in the coming years.

Unorganized regional players to continue to loose market share.

Revenue Outlook for Next 5 Years – Astral Adhesives

15%

We Expect to Continue to Grow at 15% CAGR in Next 5 Years.

In FY21, we confidently guided for a 15% compound annual growth rate (CAGR) for our Adhesives business. Remarkably, we have delivered a CAGR growth of 35.39% over the past two years, despite operating in a challenging environment.

Looking ahead, we remain steadfast in our commitment to maintaining a growth rate of 15% for our business.



Overall Industry growth of double digit



Shift from unorganized to organized sector



Higher growth from recently launched products



New product launches



Entering new geographies



Addition of new dealers & distributions

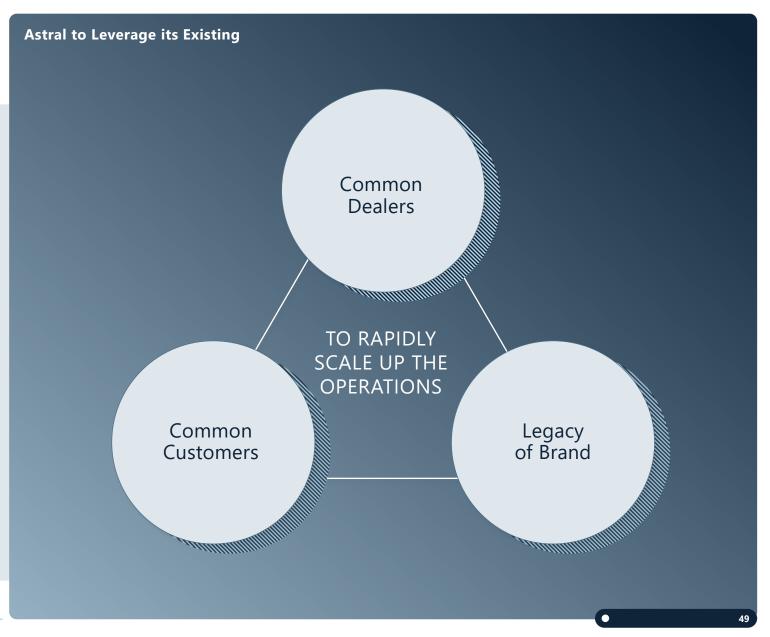


Good support from the **UK & USA markets**



Paints





Option Value



Huge cash on book ₹ 682 Cr., that will help the Company to grow organically and inorganically



Launching a few new products in Adhesive & Sealants segment under a different chemistry, that along with existing products will double the Company's revenue within the next 5 years



East India plant represents a strong option value over the next 5 years



Existing standalone Pipes Business (current Market Share of 9.61%) likely to double its revenue over 5 years



Two additional new pipe locations, Guwahati and Hyderabad, will help us further increase our market share and accelerate our growth over the next 5 years



Expecting new businesses that Astral has undertaken recently, like Tank, Faucet, Sanitaryware, Paint and Valve to contribute ₹ 1,500 Crore of revenue in the next 5 years

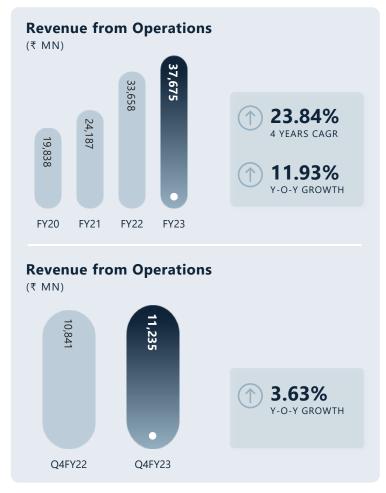
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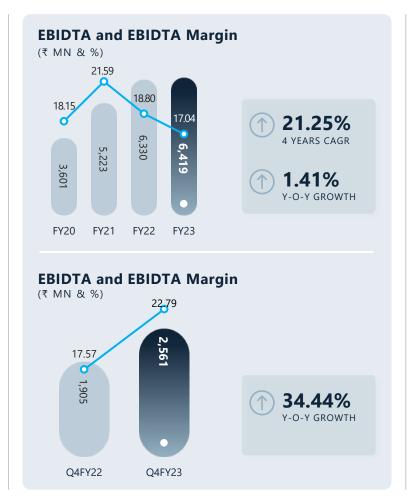
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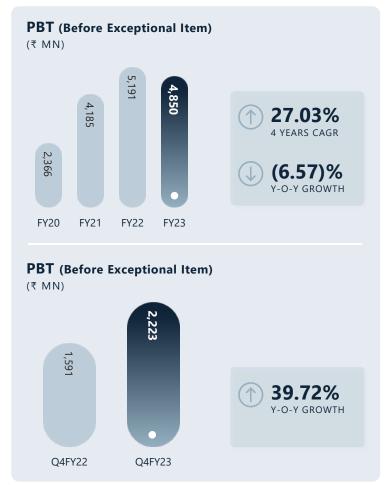
FINANCIAL PERFORMANCE

Financial Performance

Plumbing Business (1/3)

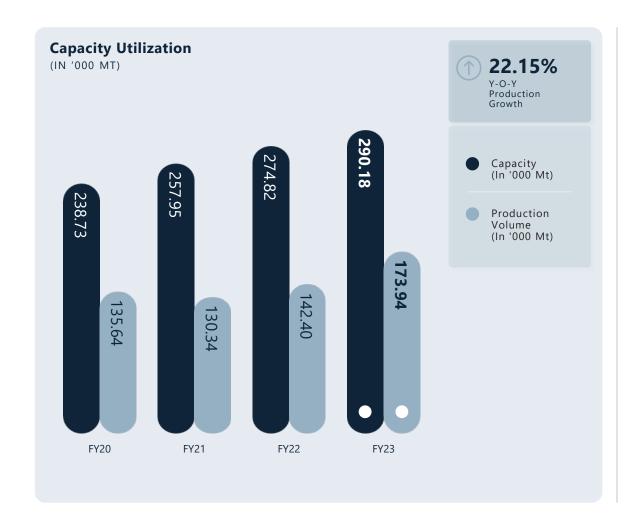


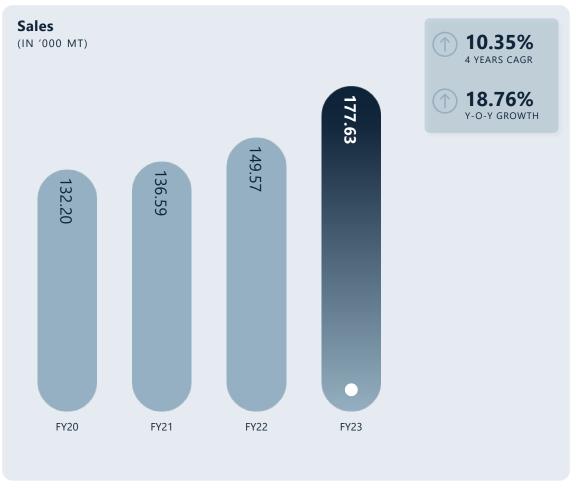




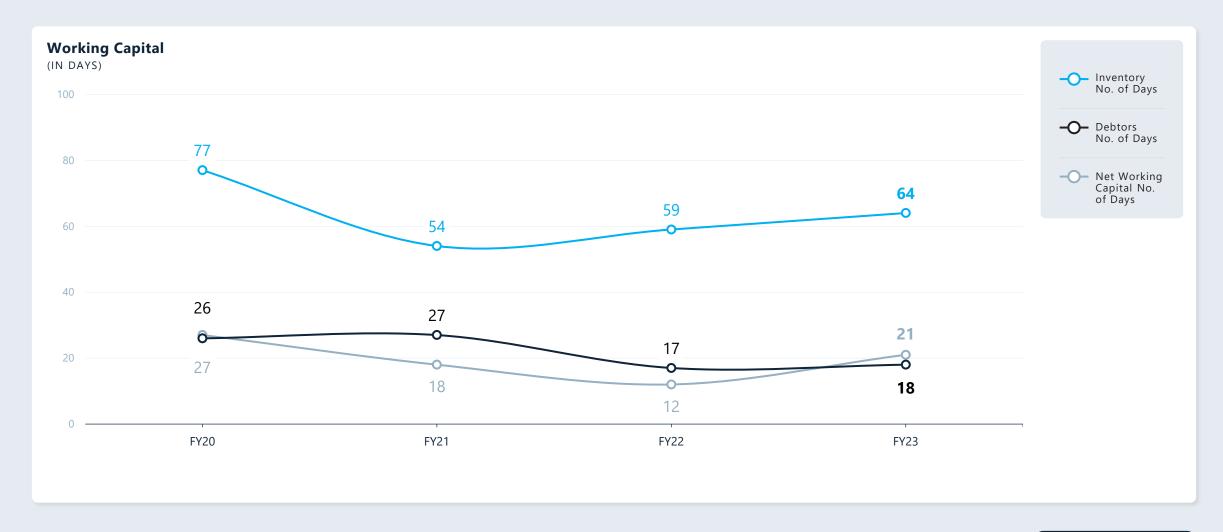
The above charts exclude Adhesive Products Weld-on business.

Plumbing Business

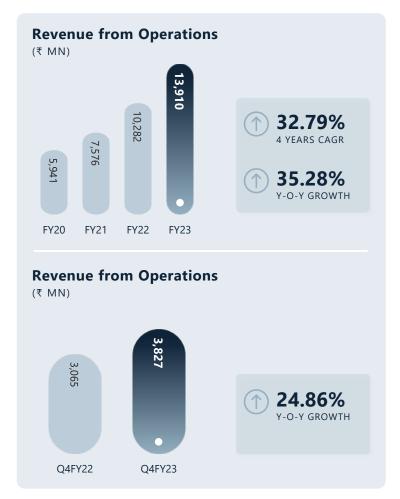


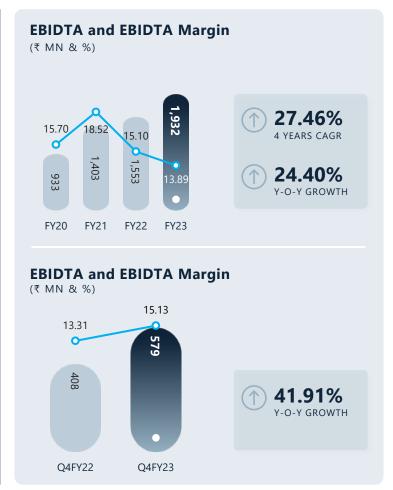


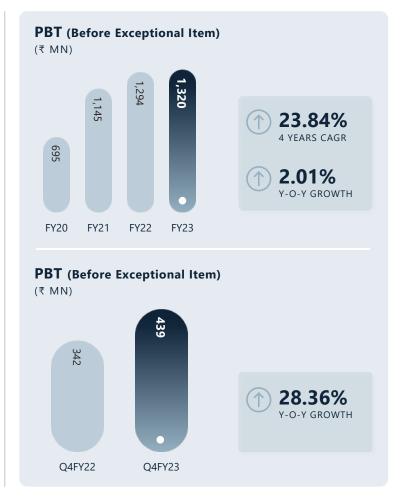
Plumbing Business (3/3)



Paints and Adhesives Business

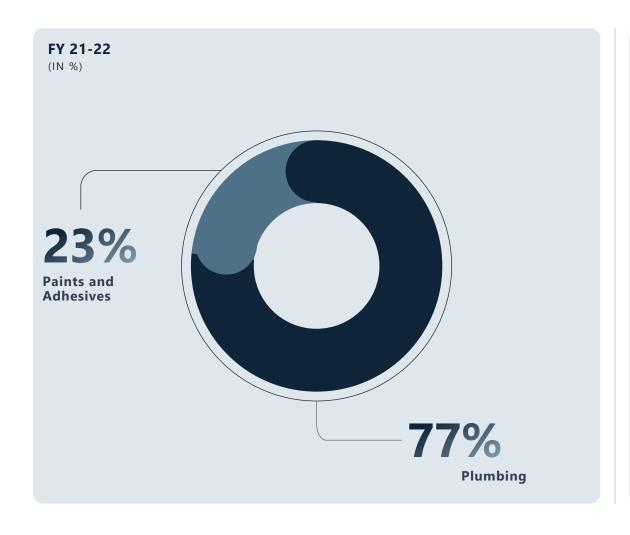


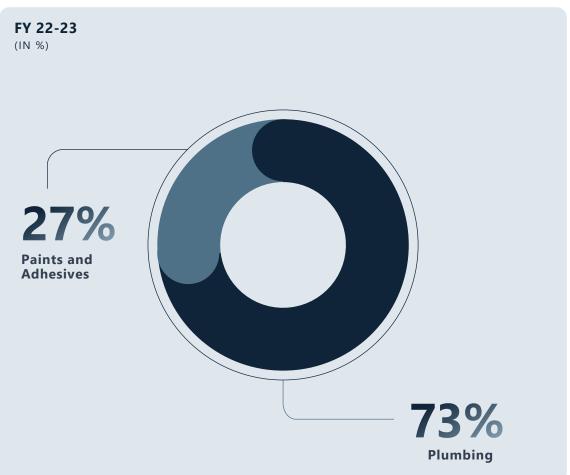




The above charts include Adhesive Products Weld-on business.

Group Revenue Breakup





Consolidated Full Year Performance (1/4)







EPS for the previous years has been adjusted for bonus share issued

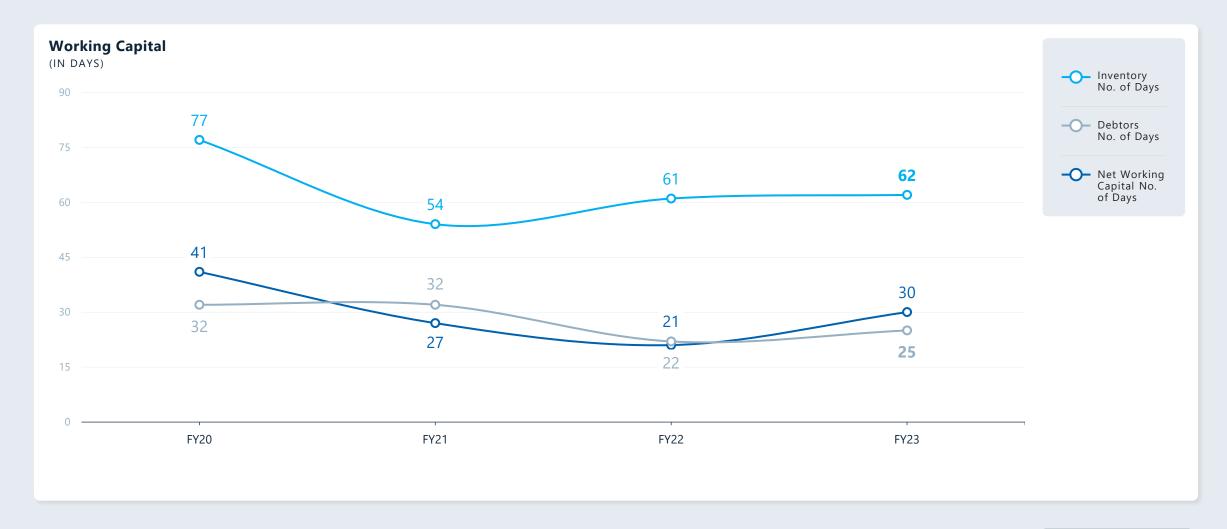
Consolidated Quarterly Performance (2/4)



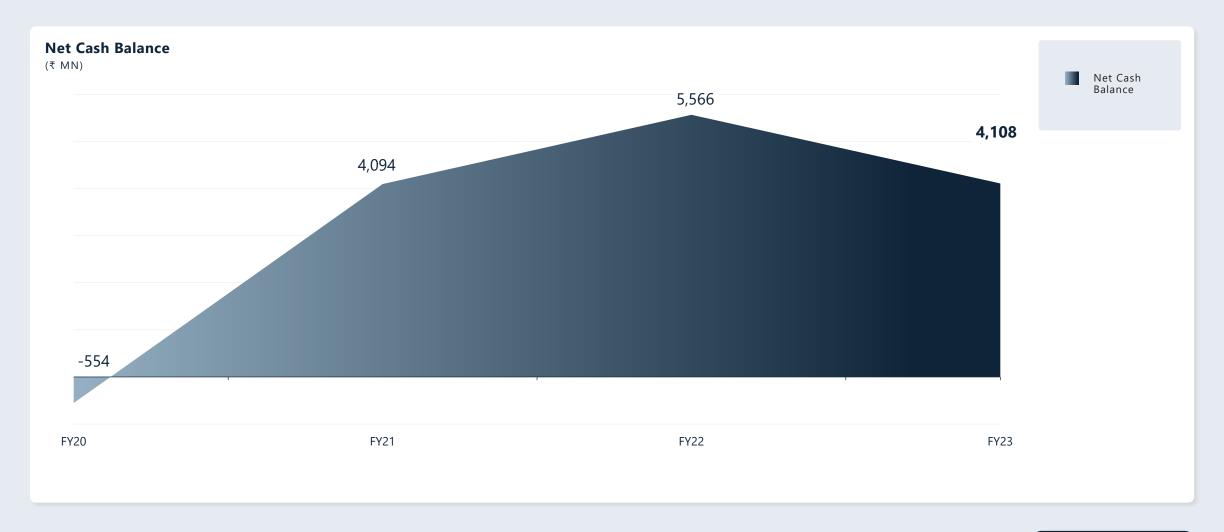




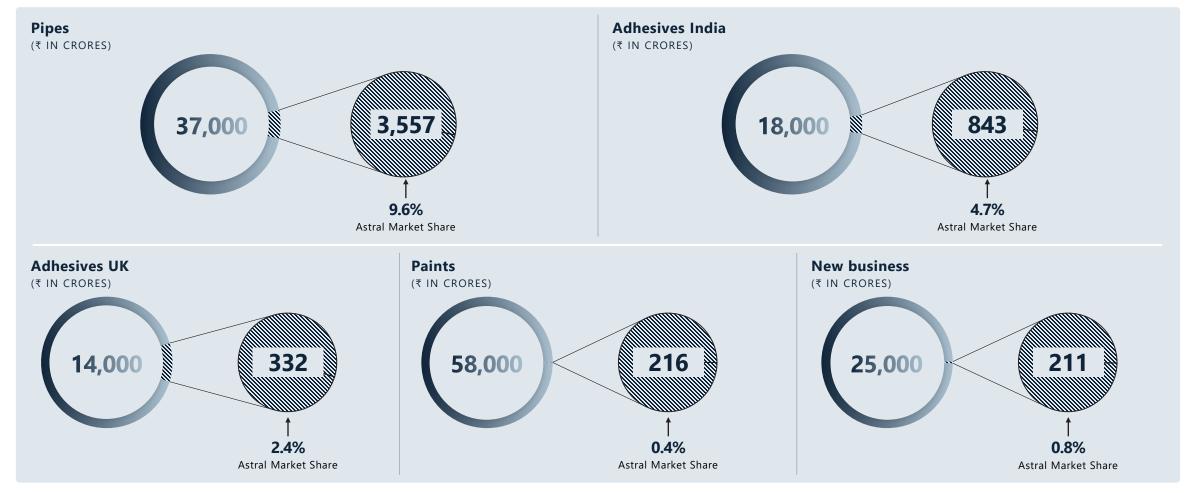
Consolidated (3/4)



Consolidated (4/4)



Market Opportunity vs Astral Market Share



^{*} Management Estimates

Key Take Away



Recorded strong volumetric growth and gain in market share

(Both Pipes & Adhesives)



New launches are in pipeline for the both segments - Pipes & Adhesives



Unorganized regional players continue to lose market share



Three upcoming plants in Guwahati, Hyderabad and Dahej will further accelerate the growth momentum in the coming years



Recently launched products continue to drive good growth



Contributions from value added products and decentralization of plants to help in margin expansion

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Thank You

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